

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063217.D
 Acq On : 30 Jul 2019 1:18
 Operator : VA/AP
 Sample : K4049-04
 Misc : 3.65g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-4

Quant Time: Jul 30 04:22:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

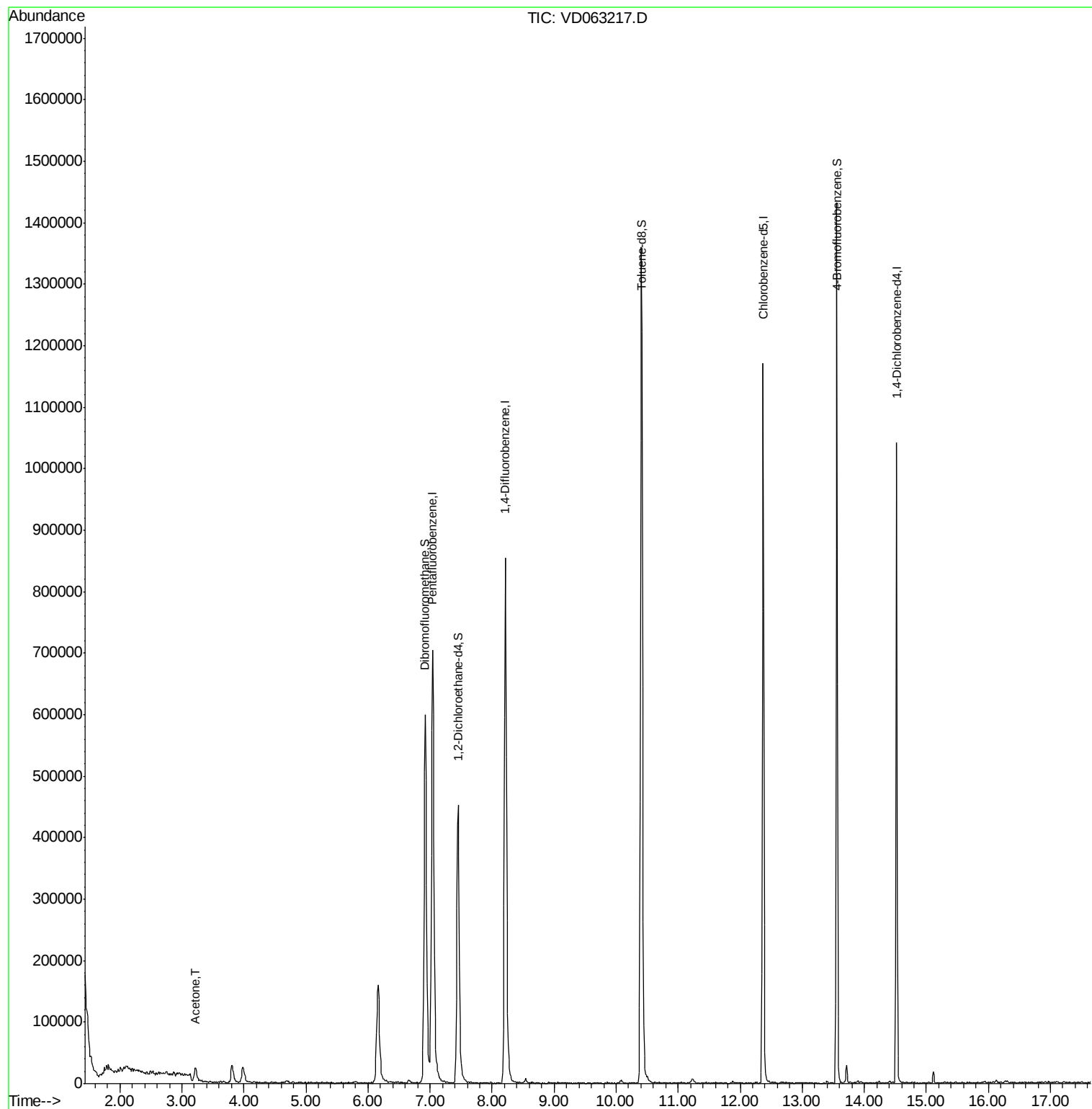
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	681077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	954831	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	632023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	244591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	529269	70.04	ug/l	0.02
Spiked Amount 50.000			Recovery	=	140.08%	
35) Dibromofluoromethane	6.92	113	504613	61.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	123.80%	
50) Toluene-d8	10.41	98	1156186	63.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.74%	
62) 4-Bromofluorobenzene	13.56	95	384439	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
Target Compounds						
16) Acetone	3.22	43	44761	30.399	ug/l	Qvalue 100

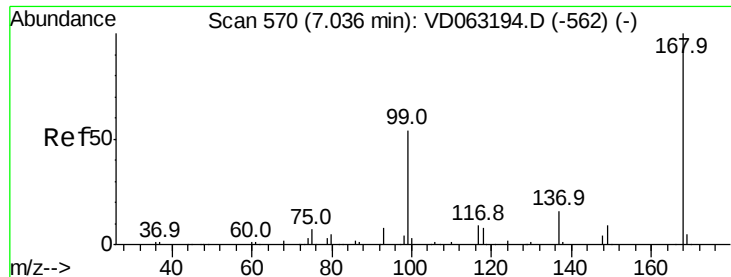
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063217.D

Acq: 30 Jul 2019 1:18

Instrument :

MSVOA_D

ClientSampleId :

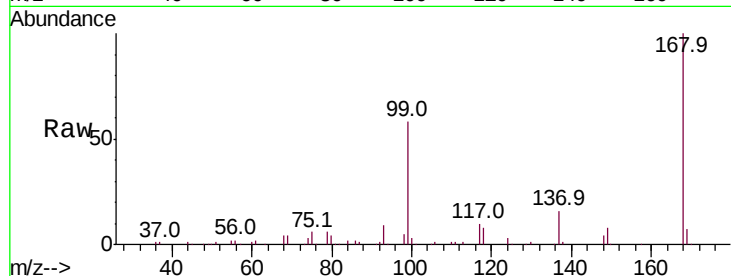
SP-4

Tot Ion:168 Resp: 681077

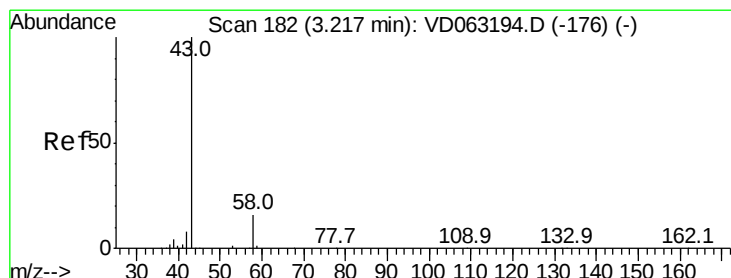
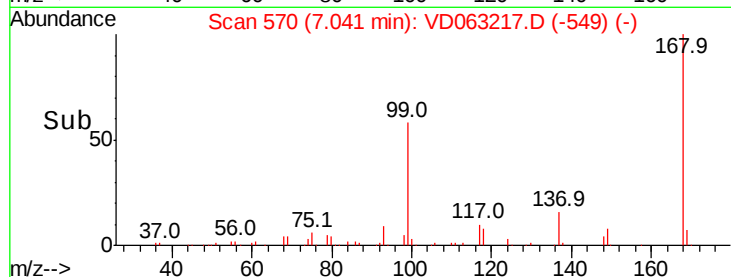
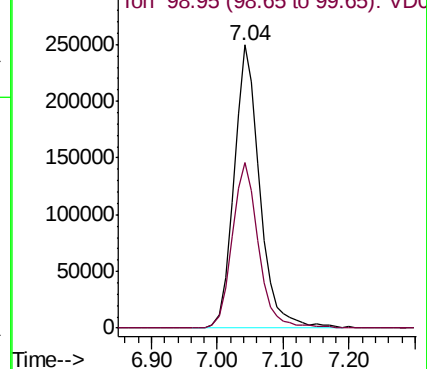
Ion Ratio Lower Upper

168 100

99 58.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 30.399 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD063217.D

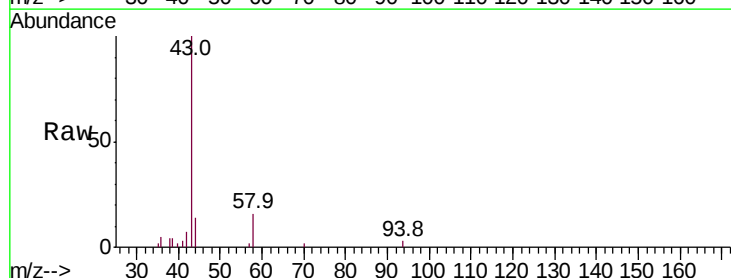
Acq: 30 Jul 2019 1:18

Tgt Ion: 43 Resp: 44761

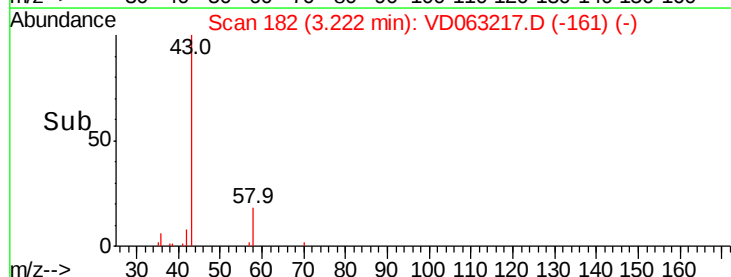
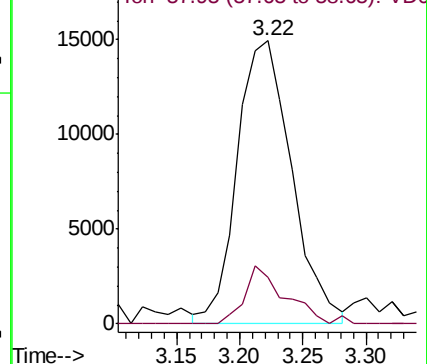
Ion Ratio Lower Upper

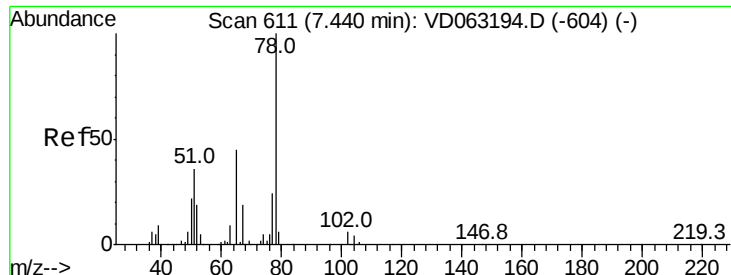
43 100

58 16.3 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 70.035 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD063217.D

Acq: 30 Jul 2019 1:18

Instrument :

MSVOA_D

ClientSampleId :

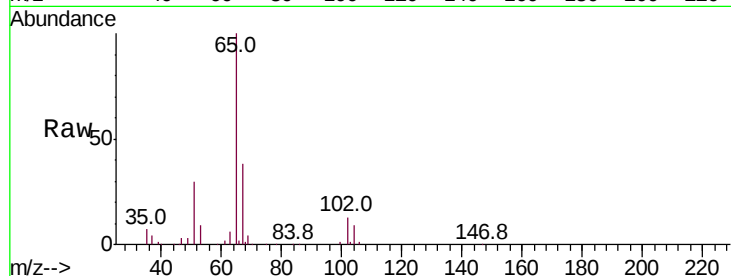
SP-4

Tot Ion: 65 Resp: 529269

Ion Ratio Lower Upper

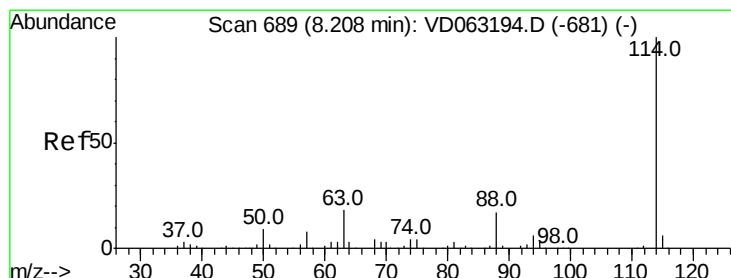
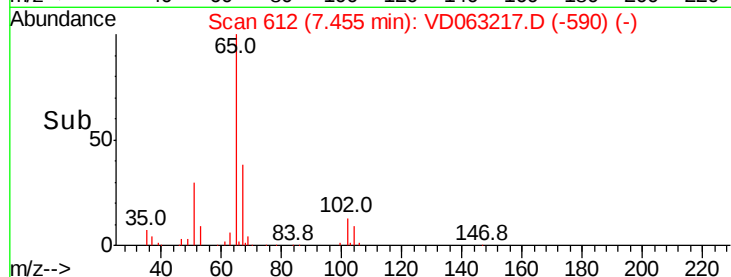
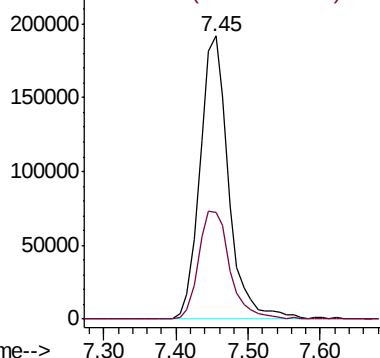
65 100

67 37.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063217.D

Acq: 30 Jul 2019 1:18

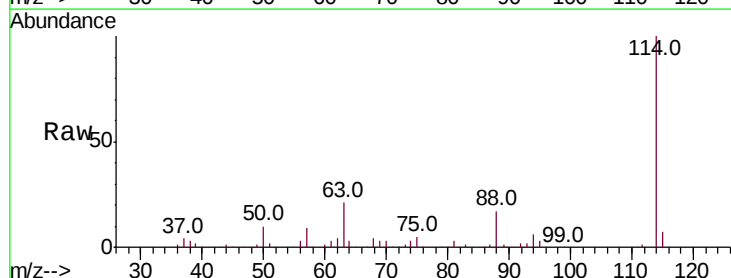
Tgt Ion: 114 Resp: 954831

Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.2

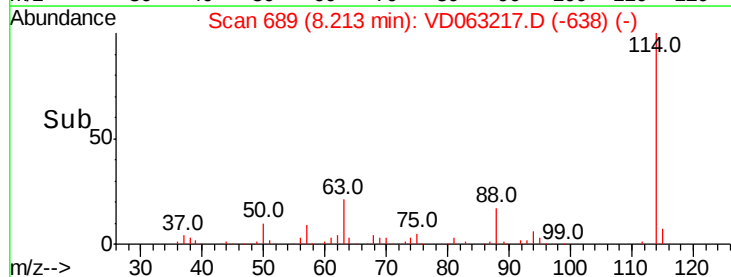
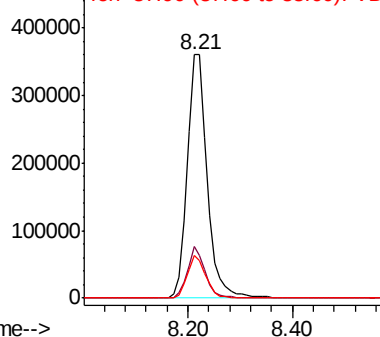
88 17.4 0.0 34.6

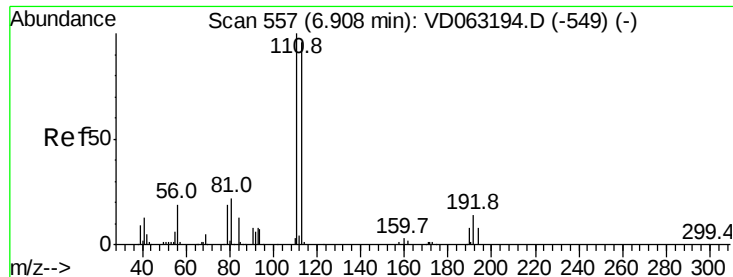


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 61.899 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD063217.D

Acq: 30 Jul 2019 1:18

Instrument :

MSVOA_D

ClientSampled :

SP-4

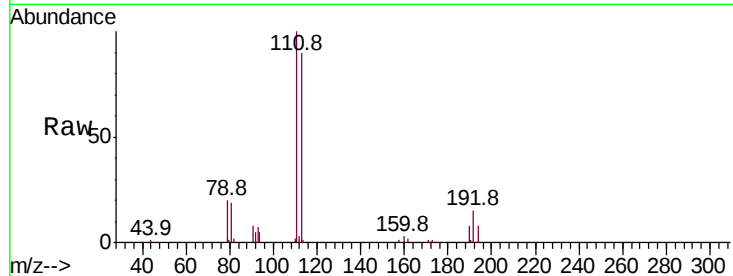
Tot Ion:113 Resp: 504613

Ion Ratio Lower Upper

113 100

111 110.5 83.2 124.8

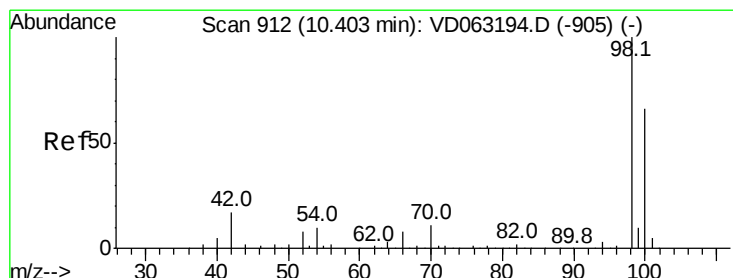
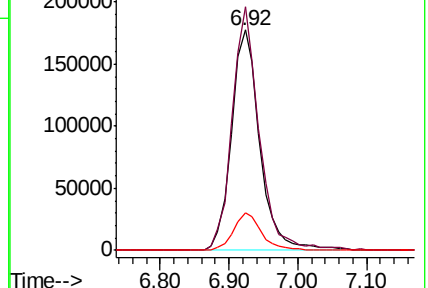
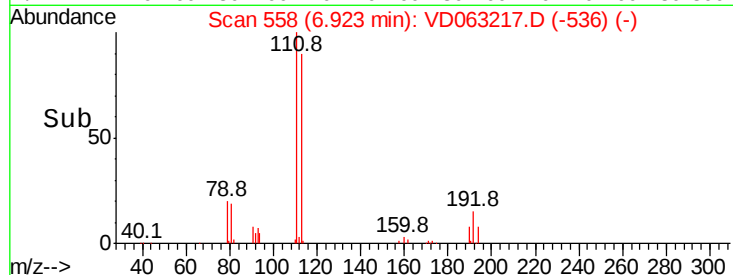
192 16.8 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 63.371 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063217.D

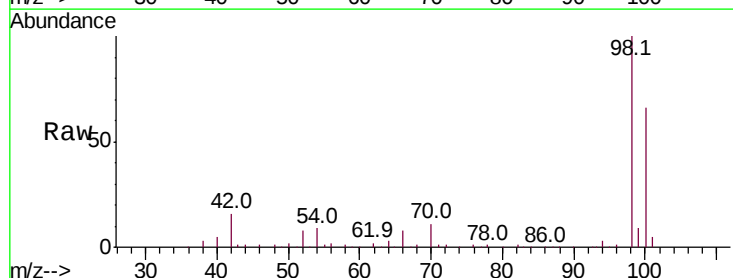
Acq: 30 Jul 2019 1:18

Tgt Ion: 98 Resp: 1156186

Ion Ratio Lower Upper

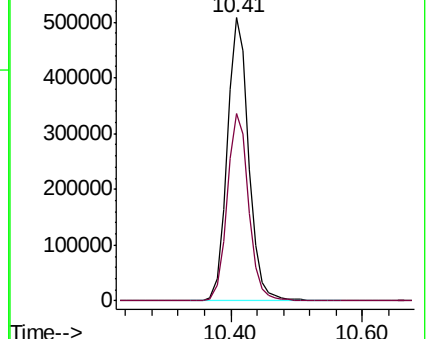
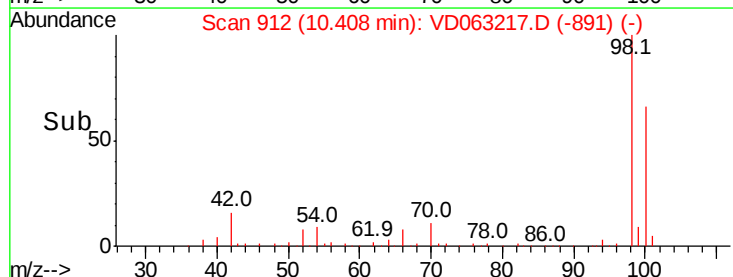
98 100

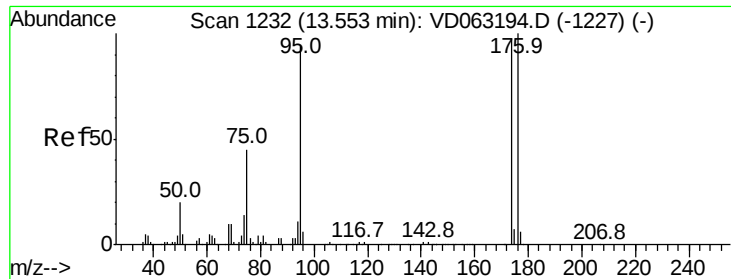
100 66.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

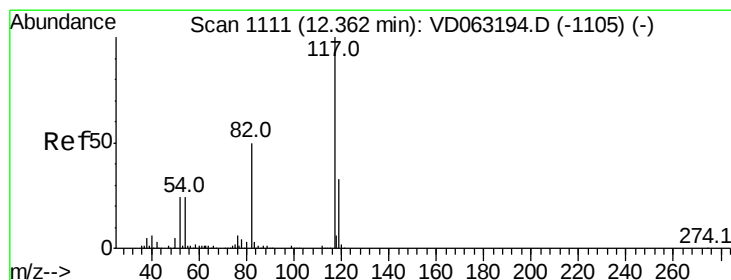
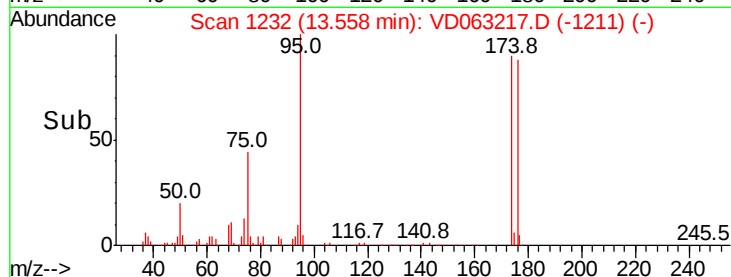
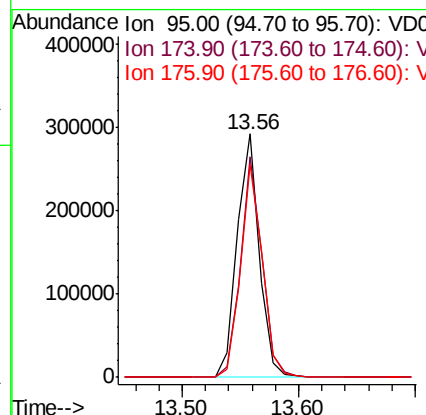
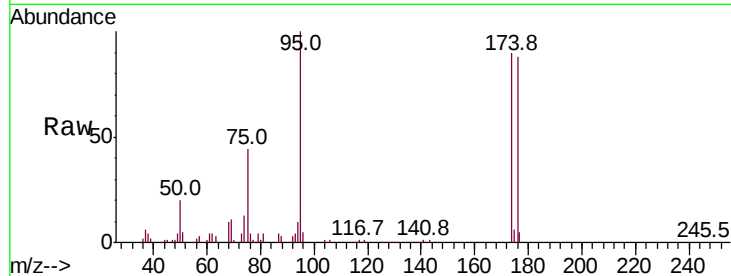




#62
4-Bromofluorobenzene
Concen: 46.240 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063217.D
Acq: 30 Jul 2019 1:18

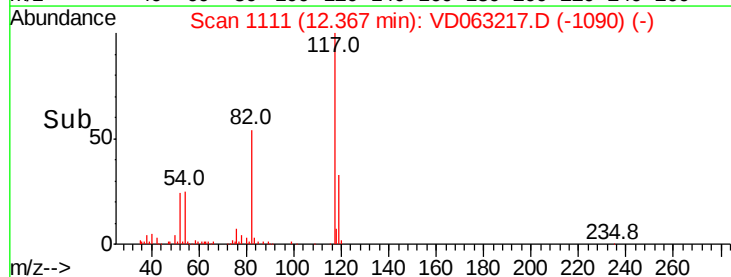
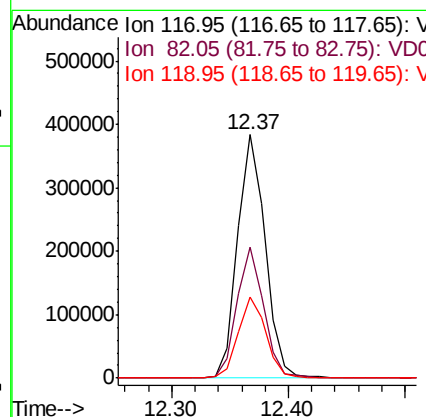
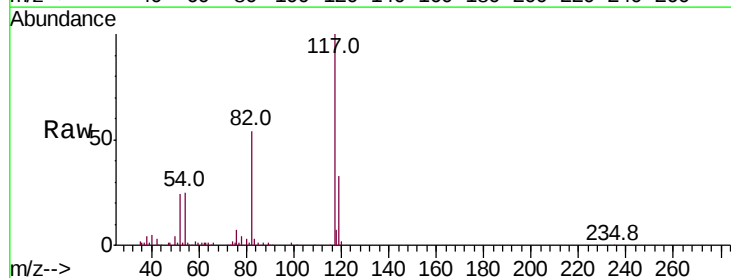
Instrument :
MSVOA_D
ClientSampleId :
SP-4

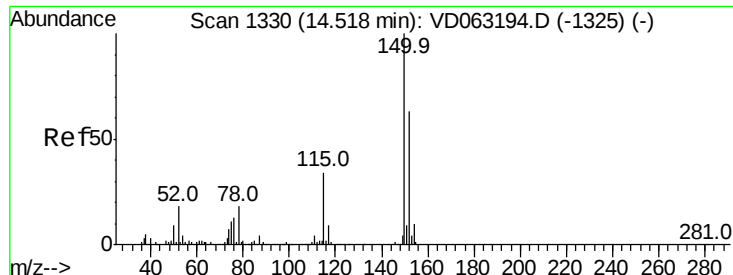
Tot Ion: 95 Resp: 384439
Ion Ratio Lower Upper
95 100
174 90.4 0.0 205.4
176 87.6 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063217.D
Acq: 30 Jul 2019 1:18

Tgt Ion: 117 Resp: 632023
Ion Ratio Lower Upper
117 100
82 53.9 40.1 60.1
119 33.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD063217.D

Acq: 30 Jul 2019 1:18

Instrument :

MSVOA_D

ClientSampleId :

SP-4

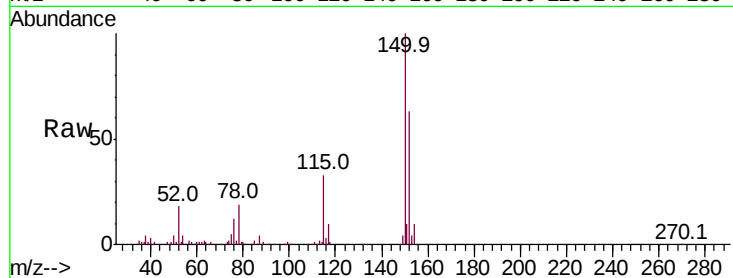
Tot Ion:152 Resp: 244591

Ion Ratio Lower Upper

152 100

115 52.0 27.5 82.4

150 157.7 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

